



# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित  
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नई दिल्ली, शनिवार, दिसम्बर 25, 1971 (पौष 4, 1893)

No. 52] NEW DELHI, SATURDAY, DECEMBER 25, 1971 (PAUSA 4, 1893)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
Separate paging is given to this Part in order that it may be filed as a separate compilation.

## भाग III—खण्ड 2

## PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अभिसूचनाएं और नोटिस  
Notifications and Notices issued by the Patent Office relating to Patents and Designs

## THE PATENT OFFICE

## Patents and Designs

Calcutta, the 25th December 1971

## SPECIAL NOTICES

(1)

It is hereby notified for general information that the holidays specified below will be observed by the Patent Office, Calcutta, during the year 1972.

Name of Festival	Day of week	Date
Sree Panchami	Friday	21st January
Republic Day	Wednesday	26th January
Id-uz-Zoha	Thursday	27th January
Muharram	Saturday	26th February
Doljatra	Tuesday	29th February
Good Friday	Friday	31st March
Bengali New Year's Day	Friday	14th April
Independence Day	Tuesday	15th August
Mahatma Gandhi's Birthday	Monday	2nd October
Mahalaya	Friday	6th October
Durgapuja	Monday	16th October
	Tuesday	17th October
	Wednesday	18th October
Id-ul-Fitr	Wednesday	8th November
Guru Nanak's Birthday	Monday	20th November
Christmas Day	Monday	25th December

(2)

The following notification published in Part II, Section 3(ii) of the Gazette of India dated 23rd October, 1970 at page 2671 is reproduced below :—

# MINISTRY OF INDUSTRIAL DEVELOPMENT

*New Delhi, the 1st October 1971*

S.O. 4008.—I exercise of the powers conferred by section 72 of the Indian Patents and Designs Act, 1911 (2 of 1911), the Central Government hereby appoints the General Manager, Fertilizer Corporation of India Limited, Planning and Development Division, C.I.F.T. Buildings, P.O. Sindri, District Dhanbad, Bihar, as an authority for the purpose of the said section, and makes the following amendment in the notification of the Government of India in the late Ministry of Commerce and Industry, No. S.R.O. 681, dated the 23rd March, 1955, namely :—

In the said notification, after item 42 and the entry relating thereto, the following item and entry shall be added, namely :—

- “(43) The General Manager, Fertilizer Corporation of India Limited, Planning and Development Division, C.I.F.T. Buildings, P.O. Sindri, District Dhanbad, Bihar.”

[No. 33(23)/SP&D/71.]

HARGUNDAS, Under Secy.

## CORRIGENDA

(1)

In the Gazette of India Part III, Section 2, dated the 30th October 1971 in page 396, Column 1 under the heading “Application for Patents” :—

After Number 133225,

for Lyng Industries A/S

read Lyng Industrier A/S, Leksvikarmatur.

(2)

In the Gazette of India, Part III, Section 2 dated the 2nd October 1971 in page 365; column 1 under the heading “Applications Accepted” :—

for number 128741,

read number 128745.

## Application for Patents

*Calcutta, the 25th December 1971*

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

*4th December 1971*

133844. Council of Scientific and Industrial Research. An improved process for the production of monochloroacetic acid by the catalytic chlorination of acetic acid.
133845. Industrie Pirelli Societa per Azioni. Radial cord carcass tyre heads. (11th October 1971).
133846. Meiji Seika Kaisha Ltd. Pesticide for controlling bacterial leaf blight of rice plant.
133847. ICI Australia Limited. (formerly Imperial Chemical Industries of Australia and New Zealand Limited). Compositions of matter. (16th December 1970).
133848. Kunststoffs- und Gusswaren-Gebrüder Anger GmbH. & Co. Improvements in or relating to an extruder, and to a method of extruding a hollow section of plastics material.
133849. Applied Power Industries, Inc. Engine stand.

*6th December 1971*

133850. Wilhelm Stahlecker GmbH. Twin top roller unit for a drawing mechanism of a spinning machine.

133851. Wilhelm Stahlecker GmbH. Twin top roller unit for a drawing mechanism of a spinning machine.
133852. Shell Internationale Research Maatschappij N. V. Improvements in and relating to olefin polymerization. (8th December 1970).
133853. Union Carbide Corporation. Process and apparatus for separating magnetic particles within an ore.
133854. Ringfeder G.m.b.H. Draw and buffing gear, in particular for middle buffer couplings on railway vehicles.
133855. M. S. V. Sarma. Lid/cover/cap for containers for dispensing liquids, pouring, dripping, spraying or for dispensing powder, granular or seedy material—pouring in small, controlled quantities, etc. [Addition to No. 133632].
133856. Varta Aktiengesellschaft. Improvements in or relating to a terminal assembly for electric accumulators.
133857. Abex Corporation. Metal object sensor, particularly for railway wheels.
133858. N. V. Philips' Gloeilampenfabrieken. Improvements in and relating to semiconductor devices. (9th December 1970).
133859. N. V. Philips' Gloeilampenfabrieken. A shaving head having separately sprung blades. [Addition to No. 130312].
133860. Development Consultants (Private) Limited. An apparatus for testing articles, such as, poles.

*7th December 1971*

133861. Sprocket Properties Limited. Fluidised bed apparatus and method. (7th December 1970).
133862. Universal Oil Products Company. Improved vapor-liquid contacting device.
133863. Sperry Rand Corporation. Improvements in pumps and motors. (15th October 1971).
133864. T. B. Buhariwala. A container or bag more particularly a hand-bag for use for shopping or like purposes.
133865. National Distillers and Chemical Corporation. Vapor phase oxidation of ethylene to acetic acid.
133866. M/S. Excella Electronics. Improvements in collapsible tube.
133867. A. Khare. Distribution function meter.
133868. A. Khare. Density function meter.
133869. A. Khare. Probability density function analyser.
133870. A. Khare. Probability distribution function analyser.
133871. A. Khare. Partial discharge integrating meter for amplitude distribution.
133872. A. Khare. Partial discharge integrating meter for amplitude density.
133873. A. Khare. Partial discharge integrating analyser for amplitude density.
133874. A. Khare. Partial discharge integrating analyser for amplitude distribution.
133875. A. Khare. Road safety & traffic guiding device.
133876. A. Khare. A. C. Network analyser.
133877. Veb Chemiefaserkombinat Schwarza “Wilhelm Pieck”. A process for the production of shaped articles from polymers of acrylonitrile.
133878. Injecto Pvt. Ltd. Carburettor.
133879. Aggroinstruments Corporation. Soil moisture gauge.
133880. Danfoss A/s. Electric connecting device for an encased refrigerating machine.
133881. Danfoss A/s. Electric connecting arrangement for an encased refrigerating machine.

8th December 1971

133882. Mitsubishi Acetate Company Limited. Anti-bacterial lubricant composition applicable to tobacco smoke filters.
133883. ICI Australia Limited. Compositions of matter. (16th December 1970).
133884. Shell Internationale Research Maatschappij N. V. Mixing apparatus for gases.
133885. M. J. Xavier. Photographic camera.
133886. D. R. Humble. Decoration structure.
133887. W. & H. M. Goulding Limited. Production of potassium dihydrogen phosphate/potassium nitrate mixtures. (16th December 1970).
133888. W. & H. M. Goulding Limited. Production of potassium dihydrogen phosphate. (17th December 1970).
133889. Saint-Gobain. Vehicle window pane with incorporated antenna.
133890. Aktiebolaget Tudor. Reference electrode for measuring electrode potentials in secondary and primary cells and in batteries.
133891. Jaipur Metals & Electricals Ltd. Improvements in or relating to bearings.
133892. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to electric discharge vessels.

9th December 1971

133893. Council of Scientific and Industrial Research. A draw-off tap for fluids.
133894. Council of Scientific and Industrial Research. A process for manufacture of cystine from hair.
133895. The Planning and Development Division, Fertilizer Corporation of India Limited, Sindri, District Dhanbad, Bihar. An improved method for rapid preparation of different modifications of oxide hydrate of iron.
133896. The Fertilizer Corporation of India Limited, Sindri, District Dhanbad, Bihar. An improvement in or relating to the measuring head for manual type differential thermal analysis apparatus.
133897. M. L. Saria. Bobbin holder.
133898. A. Y. Tamhane. Automatic voltage stabilizer.
133899. J. B. Deshmukh and U. S. Jadhav. Semi-automatic square turret.
133900. D. J. Lawyer. A device for dispensing liquid or semi-liquid contents of a tin or can.
133901. Girling Limited. Improvements in and relating to fluid flow control valves. (14th December, 1970).
133902. Imperial Chemical Industries Limited. Slurry explosive compositions. (21st December, 1970).
133903. Constructions Mecaniques Pierre Hanssen & Cie S. A. Improvements in or relating to rollers.
133904. Continental Oil Company. Measuring apparatus for use in an optical alignment procedure. [Divisional date 31st March, 1970].
133905. Sandoz Ltd. An improved process of polycondensation in the liquid phase.
133906. Saint-Gobain. Tempering furnace and installation.
133907. E. Kusters. Apparatus for the delayed treatment flat sheet-like products of soft structure as knitted textiles, fleece and like.

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133908. D. R. Chadha and S. N. Vig. Portable outter.
133909. Porvair Limited. Water vapour permeable materials. (11th December, 1970).
133910. Clayton Dewandre Company Limited. Improvements in or relating to low pressure switches.

133911. Kao Soap Co., Ltd. Process for preparing novel dimer acid esters.
133912. Nulux Holding Societe Anonyme. Beneficiation of ores.
133913. Billeruds Aktiebolag. The use of eucalyptus for manufacturing paper pulp.
133914. Burroughs Corporation. Display device including gas cells and liquid crystal cells.
133915. B. Singh. Improvements in or relating to carbon brush used in electrical machines. [Addition to No. 125704].
133916. Schubert & Salzer Maschinenfabrik Aktiengesellschaft. Control apparatus for textile machinery.
133917. Schubert & Salzer Maschinenfabrik Aktiengesellschaft. A method and apparatus for stopping and starting one or more open-end-spinning devices.
133918. Richter Gedeon Vegyeszeti Gyar R. T. Process for tender textile industrial scouring of loose wool.
133919. Nichireki Kagaku Kogyo Co., Ltd. Method of producing paving composition. [Divisional date 10th March, 1970].

**Alteration of Date**

- 129698.—The application has been post-dated to the date 11th November 1971, under sub-section (1) of Section 5 of the Indian Patents and Designs Act, 1911.
- 125531.—The claim to priority date 4th March 1969 has been abandoned and the application dated as of 2nd March 1970, the date of filing in India.
130776. Post-dated to 29th March 1971 under Section 5 of the Act.
133338. Ante-dated to 22nd April 1970 under Section 5 of the Act.
133492. Ante-dated to 7th March 1970 under Section 5 of the Act.

**Applications Accepted**

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such oppositions.

A limited number of printed copies of the applications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

124812. R. K. Engineering Enterprises. Triptork torque wrench. Accepted on 2nd December 1971.

*Characterised in that a tripping pawl arrangement consisting of a rack and a pinion-cum-bell crank lever is provided between barrel and end plate.*

125447. E. Lusser. Improvements in or relating to device for burning holes into concrete, masonry, stone or metal. Accepted on 24th November 1971.

*Comprising a metal rod having extending through out the length thereof at least one channel which is in the cross-section a slot whose length is a multiple of more than one time the width of the slot, the main masses of the material of the rod being disposed perpendicularly to the longitudinal extent of the slot.*

125531. Imperial Chemical Industries Limited. Catalyst precursor, catalyst, method of making the same and process of methanol synthesis employing such catalyst. Accepted on 2nd December 1971.  
*Characterised by the presence of spinel in crystallites not larger than 120 Angstrom units.*
125555. Siemens Aktiengesellschaft. Improvements in or relating to component assemblies for electric communications or measuring equipment. Accepted on 3rd December 1971.  
*Wherein metal frames of subsidiary component assemblies are attached together by snap connectors embracing mutually super-imposed longitudinal edges of transverse walls, the subsidiary assemblies being separated by distance plates, and exposed end faces of outermost subsidiary assemblies are closed off by screening covers.*
125584. The Broken Hill Proprietary Company Limited. Improved devices for entrainment and conveying particulate materials with a fluid. Accepted on 4th December 1971.  
*Comprises an outlet duct, which at its lower extremity is belled out to form a canopy, said canopy having a gentle downward slope from the duct outwards and is surrounded by a circumferential lip.*
125589. Beloit Corporation. Process for concentrating fish protein. [Addition to No. 116401]. Accepted on 6th December 1971.  
*Comprising introducing the protein containing material into succeeding zone with solvent, separating the solvent and protein, passing the separated protein to the next zone with drawing the solvent containing the soluble material, recycling, a portion and passing the remaining portion of the withdrawn solvent to the preceeding zone.*
125600. Imperial Chemical Industries Limited. Production of bis-quaternary salts of 4, 4'-bipyridyls. (7th March 1969). [Addition to No. 98802]. Accepted on 6th December 1971.  
*Comprises treating N' N'-dialkyl or N-N' dicarbamido alkyl 1, 1', 4, 4' tetrahydro-4-4' bipyridyl with a 2-alkyl 9-10 anthraquinone.*
125639. Sigma (Holding) S. A. Method for the erection of buildings and cells for the execution of said method. Accepted on 3rd December 1971.  
*Prefabricating parallelepipedic cells including two end walls interconnecting a floor and a ceiling, the cells being provided with cavities, assembling the cells in situ with their end walls in a common plane and casting concrete into co-operating cavities of the cells, at least one end wall of each cell being constituted by two parallel panels connected by braces and forming between them said cavity.*
125766. Adams Incorporated. Stop motion devices. Accepted on 8th December 1971.  
*A contact means to support the drop wire, the contact means adapted to be in electrical engagement with either the first or the second contact and operative to effect an electrical contact when the strand breaks or becomes slack.*
125772. Ti Diamond Chain Limited and A. Venkatakrishnan. Improvements in or relating to conveyor chains and the like. Accepted on 9th December 1971.  
*Comprising a plurality of plastic chain plates having spaced tangs at both the ends and a plurality of pins adapted to be inserted into the engaging tangs.*
125778. May & Baker Limited. Process for the preparation of methyl p-aminobenzenesulphoncarbamate. (20th March 1969). Accepted on 7th December 1971.  
*Comprises reacting  $[H^2N-C^6H_4-So^2NH]nM$  with dimethyl carbonate in methanol, M being alkali or alkaline earth metal and n is 1 or 2.*
125798. G. R. Ahuja. I. R. Ahuja. G. R. Ahuja, S. R. Ahuja and O. G. Ahuja. Improvements in or relating to fluorescent lamps. Accepted on 9th December 1971.  
*Characterised in the choke for the lamp has integral therewith a built in wiring for a starter socket.*
125815. Gestetner Limited. Improvements in or relating to duplicating machines. (24th March 1969). Accepted on 8th December 1971.  
*Feeding a master onto a plate cylinder of duplicating machine, applying liquid adhesive to the tail of the master which is to contact the cylinder, bringing the adhesive bearing side of the tail into contact with cylinder, and then printing copies of the master.*
125848. C. S. Patel and R. S. Patel. Improvement in or relating to a combination of pilferproof closure and neck ring of bottle or the like container for such closures. Accepted on 8th December 1971.  
*Characterised in that a flexible sealing ring being provided integrally with the flange and skirt of the closure from inside the sealing being adapted to slide over and grip the underside of an inverted V-shaped or inverted bucket shaped locking ring provided below the neck but above the shoulder of the bottled.*
126023. Radiation Research Corporation. Polymerization of 2-pyrrolidone using alkali metal bicarbonates as catalyst. Accepted on 7th December 1971.  
*Characterized by heating a mixture of 2-pyrrolidone and an alkali metal bicarbonate polymerization catalyst and then polymerizing the 2-pyrrolidone in the presence of solid catalyst.*
126316. Borg-Warner Corporation. A multiple path drive system for a vehicle. Accepted on 6th December 1971.  
*Comprising two pairs of fraction wheels including a pair of axle assemblies, a pair of torque input members and a torque transferred mechanism.*
126876. Agfa-Gevaert N. V., formerly known as Gavaert-Agfa N.V. Extrusion method and apparatus. (4th June 1969).  
Accepted on 1st December 1971.  
*Extruding molten polymeric material through a slot orifice to form a molten film, stretching the film longitudinally and subsequently contacting the film.*
126925. Metallgesellschaft A. G. Vanadium-base alloy having a high creep-rupture strength and an improved resistance to corrosion. Accepted on 3rd December 1971.  
*Vanadium-base alloy consisting traces to 5% titanium, traces to 1.2% Zirconium and traces to 1.2% hafnium said elements to totalling at least 1% 5-20% of chromium and molybdenum, traces to 2% silicon, traces to 4% germanium, balance vanadium and based on vanadium content, 400-3000 ppb oxygen, 100-1500 ppm nitrogen and 100-1500 ppm carbon, totalling not more than 4000 ppm.*
126930. Ciba Limited. Dyestuff preparation and process for preparing them. Accepted on 3rd December 1971.  
*A preparation comprising at least one water insoluble dyestuff and/or at least one water insoluble optical brightener and a copolymer.*
126976. Uss Engineers and Consultants, Inc. Slidable gate closure on bottom-pour vessels. Accepted on 8th December 1971.

*Gates are slidably supported by guide rails forming part of a structure secured to the vessel and a fluid pressure operated means supported for movement of the ram between a gate feeding position in operative alignment with the guide rails and an adjacent gate loading position exposing the guide rails for receiving a fresh gate.*

127045. Cabot Corporation. Monocarbide precipitation-strengthened nickel base alloys. Accepted on 4th December 1971.

*Comprising steps of providing an alloy containing 15-22% Cr, 3-12% Mo, at least one of 6-9% Ta, 3-5% Cb, and 3-6% V total being not more than 9%, and 0.03 to 0.15% C, balance nickel and impurities, than solution treatment between 225°F and 2300°F, quenching, cold working, annealing, quenching and aging the alloy.*

127085. Stork Amsterdam N. V. A screen printing machine. Accepted on 4th December 1971.

*Having a bridge for each stencil, being connected with frame halves of the machine the stencil holders and suspension supports for squeegee being slidably lockably mounted on the bridge, and the common lower tangent plane of stencils being suspension supports for squeegees.*

127100. Imperial Chemical Industries Limited. Process and apparatus for drawing or orienting filaments of a synthetic linear thermoplastic polymer. (26th June 1969). Accepted on 7th December 1971.

*Wherein the drawing of a filament or filamentary yarn is effected by a combination of tensioning directing against it a narrow stream of heated fluid and causing it to pass over a snubbing means.*

127140. Shyam Sundar Ghose. A process for the manufacture of zircon aluminosilicate refractories. Accepted on 8th December 1971.

*Comprising zircon and high aluminous materials such as raw as calcined kyanite, raw as calcined diaspore, carundum or raw or calcined bauxite, the composition passing 20 to 90% by weight of zircon and 80 to 8% by weight of said high aluminous materials.*

127231. N. V. Philips Gloeilampenfabrieken. Method of manufacturing an electric discharge tube or an electric lamp. Accepted on 9th December 1971.

*Includes the steps of connecting heating element to the ends of electric conductor placed in the vessel and that an electric voltage difference is generated between the ends of the conductor by means of induction.*

127242. Fiber Industries, Inc. Polyester fibres and process for producing the same. Accepted on 7th December 1971.

*A polyester fibres with a tensile factor of from 11 to 26 and a degree of cross linking from 0.5 to 1.2.*

127305. Shell Internationale Research Maatschappij N. V. Fuel compositions for supersonic aircraft. (27th October 1969). Accepted on 7th December 1971.

*Comprising more than 50% of a hydrocarbon oil having a Reid vapour pressure below 3 lbs/sq. inch at 100°F and a final boiling point 325°C and less than 50% of one or more polyamines.*

127603. J. P. Puri. Improved emergency light unit. Accepted on 9th December 1971.

*Secondary of mains transformer is connected to bulb or bulbs via a switcheable transistor and diodes a wet or dry battery and a variable resistance, and therein, on failure of supply, the potential at*

*the base of the transistor becomes less than the potential of the emitter and vice versa.*

127704. Sandoz Ltd. Acid azo des. process for their production and materials dyed therewith. Accepted on 6th December, 1971.

*Diazo compound of 1-amino-5-chlorobenzene-2-sulphonic acid is coupled with 2'-chloro-6'-methyl-1-phenyl-3-methylpyrazolone.*

127829. Eltra Corporation. An improved electric coil construction. Accepted on 6th December 1971.

*Comprising a hollow spool with cylindrical bore to receive and support secondary winding of a coil a pair of circular flanges around the outer surface of spool, the spool being slidably positioned inside a coil can, and a spool supporting foot extending below the spool, to rest upon the lower end of coil can.*

128034. Inland Steel Company. Continuous casting slag and method of making. Accepted on 7th December 1971.

*Comprising mixture of oxide and fluoride containing materials forming non-fuming and chemically and thermally stable liquid slug layer in contact with molten steel in a continuous casting mold.*

127178. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Thermoplastic molding compositions based on saturated polyesters. Accepted on 9th December 1971.

*Comprising a mixture of (a) a linear saturated polyester of an aromatic dicarboxylic acid and, optionally, upto 5 mole %, of an aliphatic dicarboxylic acid with a saturated aliphatic or cycloliphatic diol and (b) from 0.005 to 2% by weight, the salts of the carboxylic acids having a particle size below 10 microns.*

128299. Deggen Dorfer Werft Und Eisenbau GmbH. Improvements in or relating to hinged barges. (12th September 1969). Accepted on 4th December 1971.

*Comprising a double-acting pressure fluid actuator the cylinder of which is connected to one barge part and the piston rod to the other barge part, the chambers of the actuator being connectable through a multi-way valve with a pressure fluid reservoir.*

128388. V. V. Barchha. Device for the supply of compressed air from a cylinder of a running multi-cylinder spark ignition internal combustion engine to an article. Accepted on 4th December 1971.

*Comprising a first member adapted at one end to be fitted to a cylinder in place of spark plug and at the other end to a second member having a central opening and a plurality of apertures around it and a one way valve means in the second member.*

128831. British Steel Corporation. Alloying steels. (15th October 1969). Accepted on 9th December 1971.

*Comprising tapping into primary ladle, teeming into secondary ladle above customary temperature, adding alloying addition during this teeming holding upto customary temperature, then teeming into moulds.*

128837. Vereinigte Österreichische Eisen- und Stahlwerke Aktiengesellschaft. Measuring device for continuously measuring the temperature of metal baths. [Addition to No. 121137]. Accepted on 4th December 1971.

*Characterized in that the sensing portion further comprises a gas-tight tube surrounding said capillary tube and extending with its upper end into said sleeve and being connected with said sleeve.*

128976. Girling Limited. Improvements in or relating to brake shoes. (21st November 1969). Accepted on 9th December 1971.

*The carrier, where it supports brake lining is having a cross-section such that the lining is keyed to the carrier to prevent relative movement in the transverse direction and having at least one portion which is deformed radially to prevent relative movement in the arcuate direction.*

128982. N. S. Pochkhanawala. Improvements in or relating to bracket mounted peg-measure assembly. Accepted on 6th December 1971.

*A combination of telescopic bracket assembly comprising a stand carrying adjustably mounted bracket to receive boss of a member of top assembly carrying peg measure assembly carrying a lever operated plunger having a vertical passage through which liquor can pass out from an inverted bottle through a peg measure cup.*

129123. Universal Oil Products Company. Regeneration of a coke deactivated catalyst containing platinum and rhenium. Accepted on 6th December 1971.

*Comprising sulfur stripping carbon burning oxygen treating and catalytic reduction.*

127306. Lansing Bagnall Limited. Improvements in mounting devices for thyristors. (2nd July 1969). Accepted on 4th December 1971.

*Comprising a deformable element for engaging thyristor, a clamping structure engageable with deformable element and adjustable means to urea the structure to deform deformable element and press thyristor against its resting surface.*

129325. Franz Plasser Bahnbaumaschinen. Improvements in or relating to mobile machine for treating the ballast bed and fastenings. Accepted on 3rd December 1971.

*Wherein at least one plough arrangement and at least one means for tightening and loosening the fastenings, are associated with one another and combined in a common mobile unit.*

129638. Shell Internationale Research Maatschappij N. V. Apparatus and process for the preparation and cooling of a gas mixture containing hydrogen and carbon monoxide. Accepted on 7th December 1971.

*Comprising a reactor for partial combustion of hydrocarbons with oxygen or with oxygen enriched air, and also a waste heat boiler connected to the gas discharge of the reactor by means of a connecting piece, the waste heat boiler being provided with one or more helical tubes through which are passed the gases to be cooled and around which a coolant may flow.*

129369. Nippon Kokan Kaishiki Kaisha. Method and apparatus for cooling hot metals and in particular steel materials. Accepted on 7th December 1971.

*Injecting a relatively small quantity of a cooling liquid into a relatively large gaseous stream flowing through a nozzle forming a two phase flow stream.*

129634. Jg Glass Industries Pvt., Ltd. An improved stopper for vacuum flasks. Accepted on 7th December 1971.

*Comprising an outer skirt with a cap, an inner skirt is loosely engaged by the groove in the said cap of the outer skirt and a tapered sealing ring.*

129824. R. K. Jha. Improvements in and relating to suspension device. Accepted on 6th December 1971.

*Comprising two pivotally connected members having gripping portions to engage the beam on opposite sides of the supporting face of the beam,*

*means for connecting the load to one of the members and means for locking the members in the gripping position.*

130016. Budapesti Mezőgazdasági Gépgyár. Shovel machine for loading cereals. Accepted on 3rd December 1971.

*The machine according to the invention is a self-picking shovel machine equipped with throwing shovels, suitable for picking and conveying by throwing to necessary distance the cereals or other grain crops.*

130051. The Tata Iron & Steel Company Limited. An improved method for repairing cracked or broken metal components. Accepted on 9th December 1971.

*Comprising clamping the broken parts in alignment, forming slots in the components and then force fitting in each slot a single key to cover the entire length of the slot thereby stitching the parts together.*

130208. Bekaert-Cockerill. Method for manufacturing steel wool, profile steel wire to be used in this method and steel wool manufactured according to this method. Accepted on 8th December 1971.

*Characterised in that the profile of the cross section of the wire consists of a semicircle with diameter  $D$  and a filling rectangle with width  $B$  equal to diameter  $D$  and height  $H$  varying between  $1/3 \times D$  and  $2/3 \times D$ .*

130222. Imhart Corporation. Improvements in or relating to apparatus for depositing groups of articles into upwardly open packing cases. Accepted on 4th December 1971.

*Comprising infixed conveyor grid means for receiving charge of articles, means for rotating said grid, means carried by grid for releasing articles into packing case.*

130303. H. S. Gandhi, H. S. Gandhi, K. S. Gandhi and Smt. Kanchanben Shantilal Gandhi. Heating unit. Accepted on 9th December 1971.

*Comprising a furnace body with a burner a first coil spacedly disposed within the body a pump connected to the inlet of the first coil, the outlet of the coil leading to a heating system.*

130454. Grain Processing Corporation. Starch manufacture from corn. Accepted on 8th December 1971.

*Comprising steeping the fractured corn kernels in an aqueous solution of  $SO_2$ ,  $Se$  separating the flour from the slurry and recovering the starch from the steeped material.*

130551. Council of Scientific and Industrial Research. A new process for separation of the dimethyl and monomethyl components from a mixture of dimethyl dichloro-silane and methyl trichlorosilane. Accepted on 8th December 1971.

*The mixture is esterified and distilled in a continuous manner by the gradual addition of dry methanol to remove the dimethyl component.*

130776. Vsesojuzny Nauchno-Issledovatel'sky Institut Avtomatizatsii Chernoi Metallurgii. Air-operated actuator of a ladle stopper rod. Accepted on 7th December 1971.

*Comprising a rotary air motor associated via a gearing-down unit (4) with a screw (5) which is led through a nut (6) associated with the stopper rod (1).*

131065. Vsesojuzny Nauchno-Issledovatel'sky Institut Legkogo i Textilnogo Mashinostroyeniya. Warp thread tension device in a loom. Accepted on 6th December 1971.

*Comprising a beam rotatable on an axle with warp threads wound thereon and a drum connected with the beam axle and having inner blades.*

133338. Borg-Warner Corporation. Torque transfer mechanism [Divisional date 22nd April 1970]. Accepted on 6th December 1971.

*Comprising input member, drive means, casing member, a pair of out put shafts, bevel gear system, at least one clutch including frictional surfaces associated with casing and associated with shaft, and means for urging frictional surfaces into initial frictional engagement.*

133492. Ginter Corporation. Process for generating a dependably renewed store of a high enthalphy fluid and a combustion chamber therefor. [Divisional date 7th March 1970]. Accepted on 7th December 1971.

*Comprising charging chamber with air compressed adiabatically to ignite fuel, inject fuel atomized in first portion of said chamber, detecting in second portion the temperature excess above desired, injecting vapourable liquid to restore temperature desired, and exhausting stored fluid together with recharging compressed air.*

### Opposition Proceedings

(1)

An opposition has been entered by Bata Shoe Company Private Limited to the grant of a patent on application No. 127391, made by Tatsuo Fukuoka.

(2)

An opposition has been entered by Swastik Rubber Products Ltd. to the grant of a patent on application No. 127391 made by Tatsuo Fukuoka.

(3)

An opposition has been entered by The Associated Tanners to the grant of a patent on application No. 127391 made by Tatsuo Fukuoka.

(4)

An opposition has been entered by Trishala Shoes Private Limited to the grant of a patent on application No. 127391 made by Tatsuo Fukuoka.

(5)

An opposition has been entered by J. K. Chemicals Limited to the grant of a patent on application No. 128674 made by Viswanath Anant Altekar.

(6)

The application made by Japan Consulting Engineers Limited in respect of which an opposition was entered by Simon Handling Engineers Limited as notified in Part III, Section 2 of the Gazette of India, dated the 7th June 1969 has been treated as withdrawn.

### Appeal Proceedings

An appeal prepared by Dipak Jayantilal Gandhi against the decision of Assistant Controller of Patents and Designs on an opposition to the grant of a patent on application No. 97772 has been rejected.

### Application for Surrender of Patent under Section 24

Notice is hereby given that an application for Surrender of a patent under Section 24 of the Indian Patents and Designs Act, 1911 has been filed by Dunlop Holdings Limited of Dunlop House, Ryder Street, St. James's London, S.W.1, England in respect of Patent No. 97602 entitled "Improved method of bonding textile material to rubber".

Any person interested in opposing the said application for surrender, may, at any time within six weeks from the date of this Gazette of India, give notice of his intention to do so on the prescribed form (Form 6 of the Indian Patents and Designs Rules, 1933) to the Patent Office, 214, Lower Circular Road, Calcutta-17.

### Patents Sealed

117428	118507	121508	122777	122935	122940	122974	123049
123086	123102	123113	123142	123147	123177	123203	123205
123220	123232	123248	123267	123305	123351	123362	123373
123389	123496	123581	123732	123781	123966	123991	124199
124220	124247	124262	124287	124348	124389	124413	124429
124442	124470	124512	124513	124517	124559	124570	124571
124583	124785	124890	125023	125152	125177	125266	125305
125384	125418	125456	125539	125734	125765	125774	125884
125901	125907	125953	126099	126155	126183	126243	126246
126406	126432	126490	126624	126467	126493	126660	126699
126820	126837	126939	126982	126994	127105	127209	127221
127288	127407	127425	127527	127626	127948	128365	128373
128772	59087	59110	59118	59214	59225	59253	59441
62557	62622	62815	62816	62817	63002	63003	63319
66069	66120	66339	66405	66546	69949	70002	70004
70058	70099	70196	70263	70348	70457	70691	74412
74453	74458	74459	74485	74505	74506	74511	74600
74706	74707	74708	74709	74716	74759	75006	75066
75091	79441	79735	79737	79776	79781	79800	79803
79804	79817	79832	79835	79862	80057	80261	80263
80323	80435	80506	80911	81060	81279	81329	81975
84567	85583	85595	85602	85609	85610	85633	85639
85708	85717	85718	85719	85971	85989	85998	85999
86004	86096	86145	86158	86168	86224	86256	86257
86261	86280	86281	86282	87533	89463	89978	90477
90478	90854	91156	91253	91262	91265	91273	91297
91325	91385	91389	91423	91567	91568	91569	91615
91638	91677	91708	91733	91946	91981	92302	92364
92374	92375	92462	93053	94202	96720	96882	96943
96945	96961	96963	96966	96989	97010	97017	97036
97038	97042	97087	97157	97185	97186	97230	97257
97262	97270	97271	97305	97336	97382	97404	97438
97476	97546	97614	97639	97822	98896	101943	102377
102378	102729	102859	102881	102942	102965	102969	102977
103003	103052	103110	103111	103112	103153	103154	103170
103174	103220	103236	103262	103332	103431	103503	103640
103787	103820	103997	105125	105316	107151	107076	107975
198389	108391	108515	108491	108566	108585	108599	108626
108639	108696	108720	108750	108763	109017	109018	109305
109551	109909	111922	113340	113460	113461	113484	113502
113534	113536	113537	113567	113568	113578	113581	113608
113614	113623	113625	113626	113627	113637	113641	113642
113647	113659	113677	113680	113690	113785	113807	113819
113874	113951	113988	113989	113990	113991	114043	114088
114127	114169	114176	114207	114221	114240	114241	114249
114250	114251	114282	114388	114516	114540	114606	114629
114914	115058	117054	117064	117065	117066	117067	117245
117773	118421	118730	118871	119052	119355	120124	121055
85895	111809	111819	111845	111851	111857	111860	111864
111866	111879	111890	111903	111912	111918	111923	111925
111929	111934	111951	111960	111979	111984	111990	111991
112321							

### Restoration Proceeding

An order has been made on the 22nd November 1971, restoring the patent No. 105780 dated as of the 17th June 1966, granted to Gangadhar Vaman Pendse for "automatic cop-changing attachment for an ordinary over-picking power loom".

### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 3. No. 139002. Hoechst Pharmaceuticals Limited, a Company incorporated under the laws of India and having its principal place of business at Dugal House, Backbay Reclamation, Bombay, Maharashtra State, India, "A cap", September 13, 1971.

Class 4. No. 139003. Hoechst Pharmaceuticals Limited, a Company incorporated under the laws of India and having its principal place of business at Dugal House, Backbay Reclamation, Bombay, Maharashtra State, India, "A bottle", September 13, 1971.

Class 13. No. 138874. Gobindram Basharam (an Indian Partnership firm), 268, Swadeshi Market, Gandhi Galli, Bombay-2 (Maharashtra), "Textile piece-goods", August 2, 1971.

Class 13. Nos. 138899 to 138904. Shree Ram Mills Ltd., Fergusson Road, Lower Parel, Bombay 13, Maharashtra, Nationality—Indian Company, "Textile goods", August 12, 1971.

**Copyright Extended for a Second Period of Five Years**

Design Nos. 129722, Class—1.

Design Nos. 129199, 129052, 128260, 130029, 130030, Class—3.

Design Nos. 128816—Class—4.

Design Nos. 129690, 129482, 129483, 129484. Class—8.

Design No. 129058, Class—13.

**Copyright Extended for a Third Period of Five Years**

Design Nos. 110314, 110315, 111373, 111372, Class—1.

Design Nos. 111371, 111949, Class—3.

Design No. 110915, Class—5.

**Cancellation of the Registration of Designs (Sec. 51A)**

The application made by Vishisht Kumar, trading as V. R. Industries, for cancellation of the registration of Design No. 129010 registered in the name of Ram Chander, trading as V. H. Industries, and notified in Part III, Section 2 of the Gazette of India dated the 20th May 1967, has been allowed and the registration of the said design has been cancelled.

**S. VEDARAMAN,**  
*Controller General of Patents,  
Designs and Trade Marks.*